

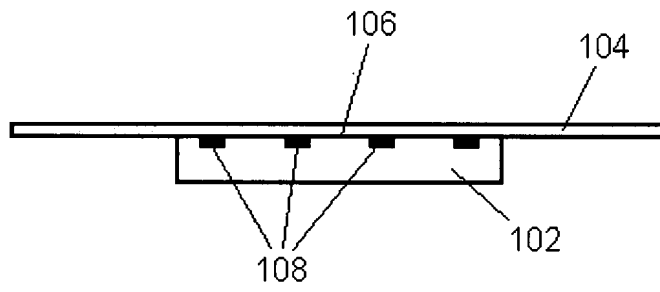
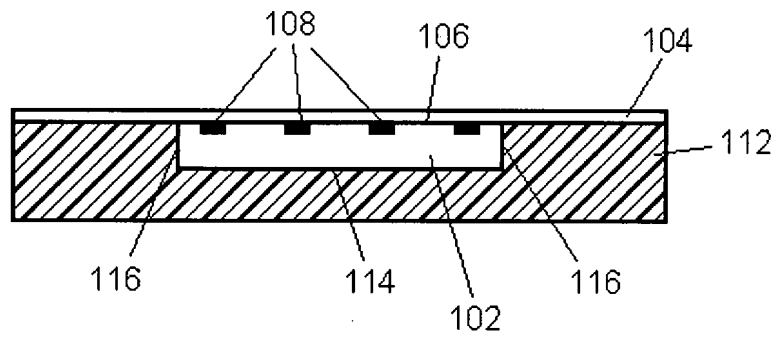
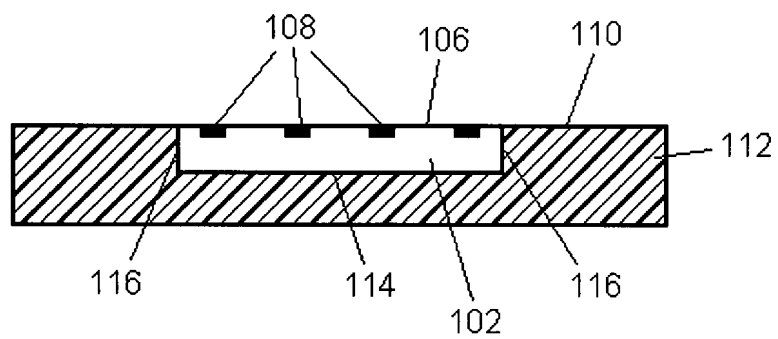
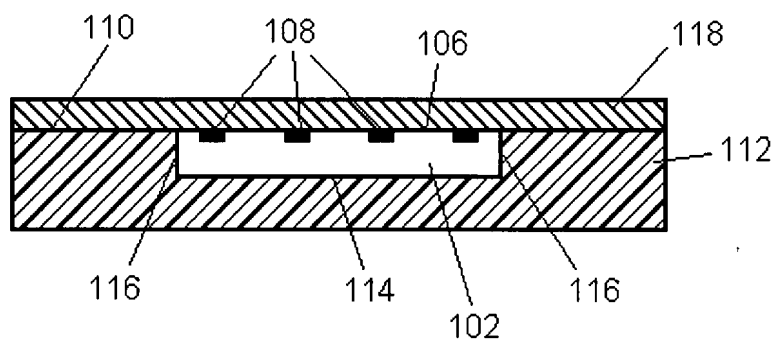
[illegible]

FIG. 1b



009180-1-5007950

[illegible]

[illegible]

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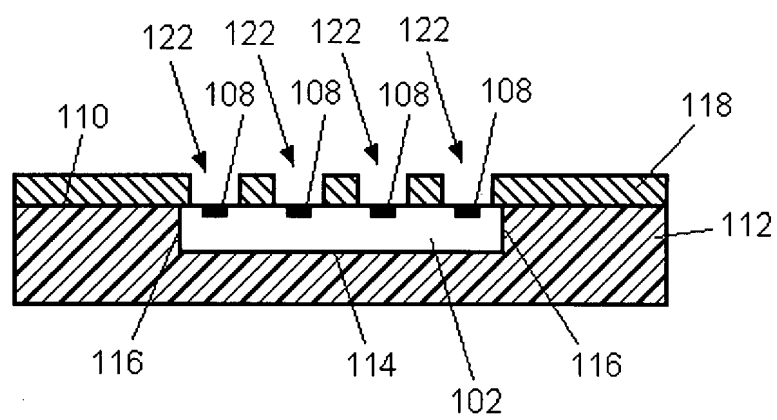
[illegible]

FIG. 1f

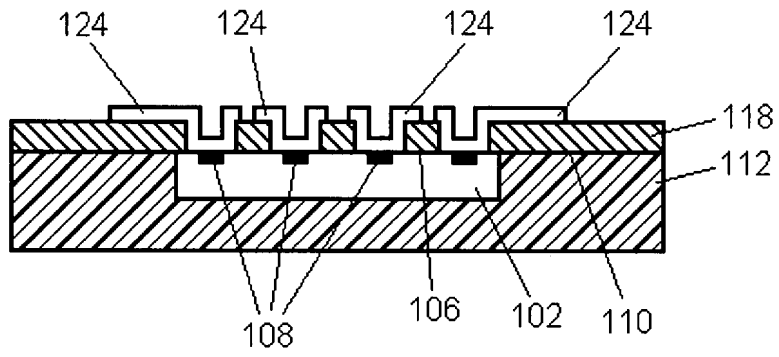
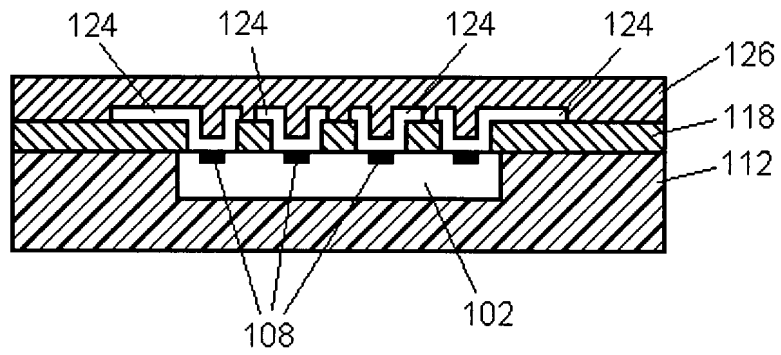
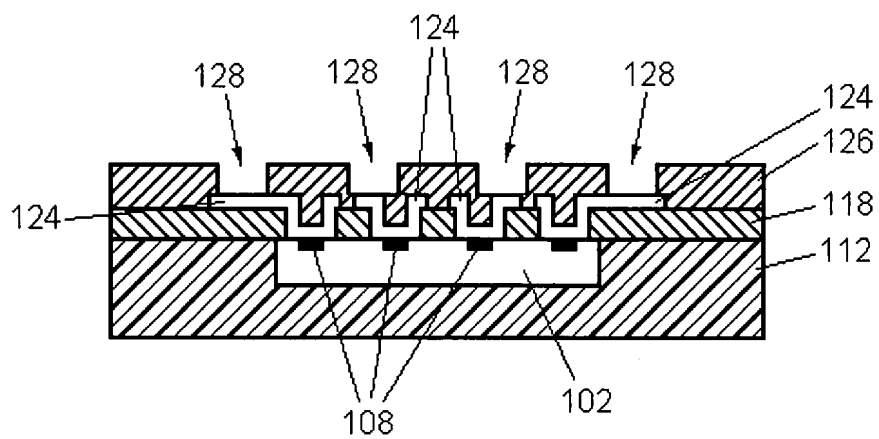


FIG. 1g



009130-1-9607960

FIG. 1h





[illegible]

FIG. 1j

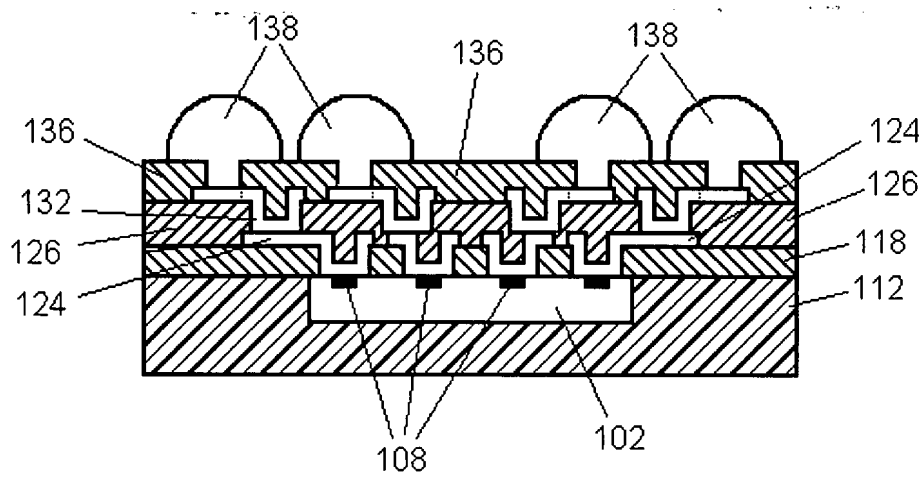
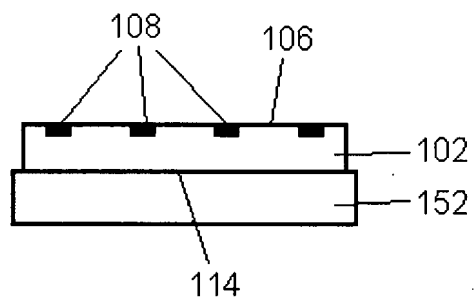
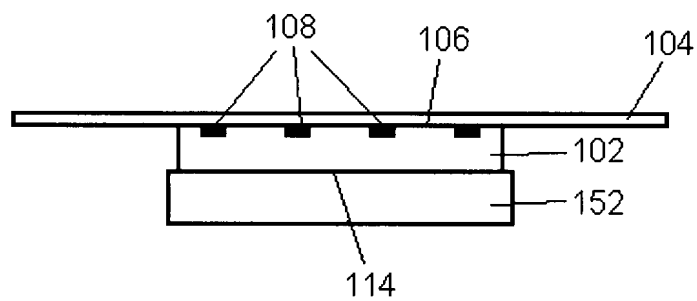


FIG. 2a



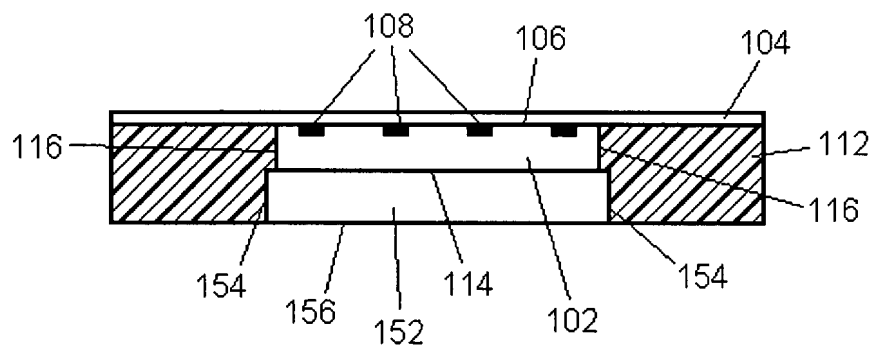
005150-1-90015100

FIG. 2b



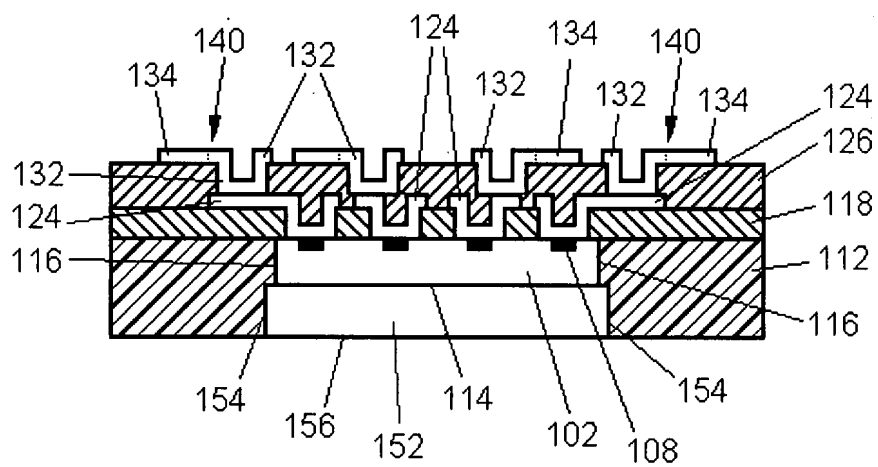
Downloaded from www.sciencedirect.com

FIG. 2c



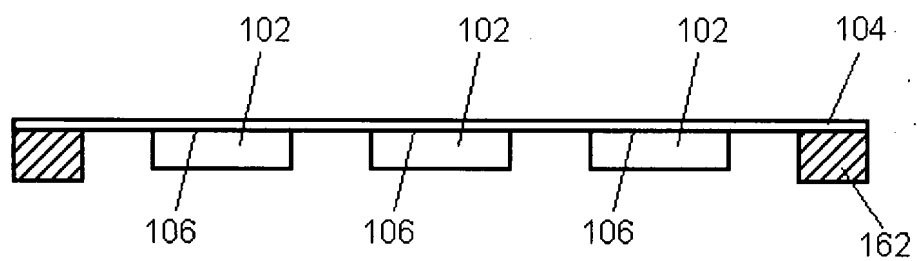
US 2015/0151100 A1

FIG. 2d



Downloaded from ascelibrary.org by University of California, San Diego on 06/01/15

FIG. 3a



www.fishbase.org

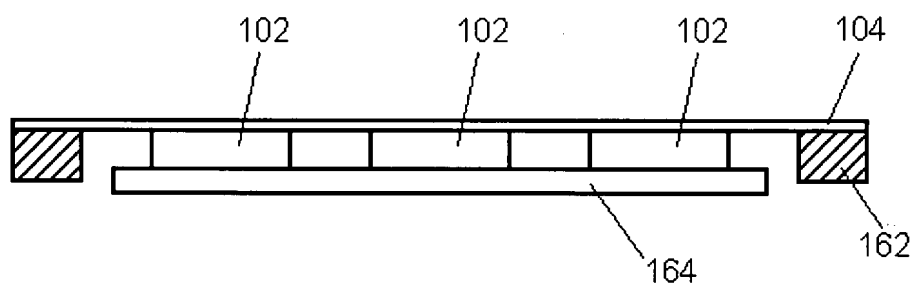




FIG. 3c

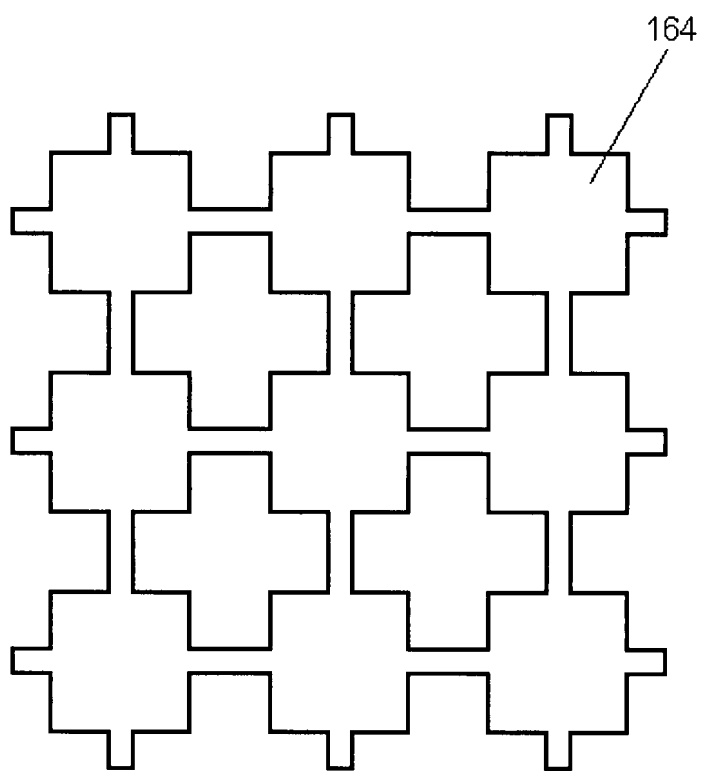
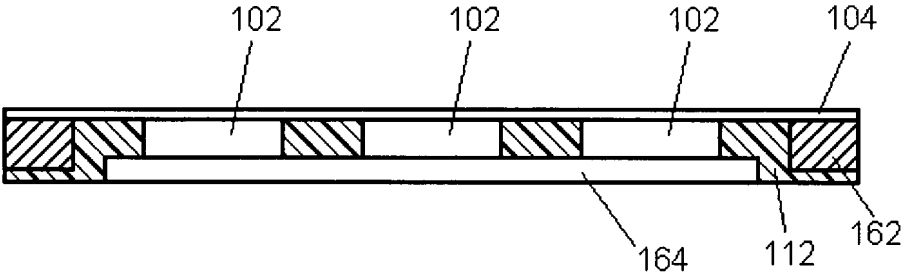
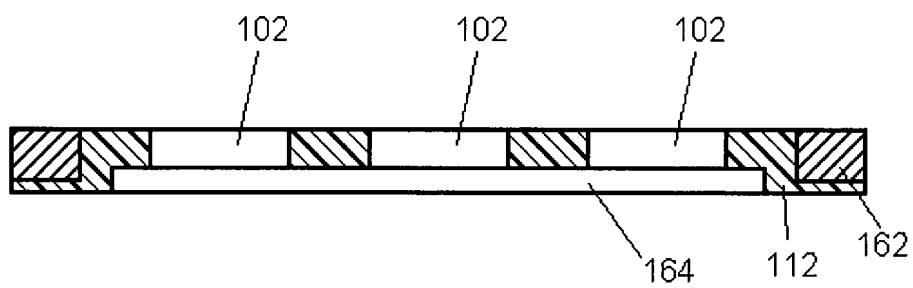


FIG. 3d



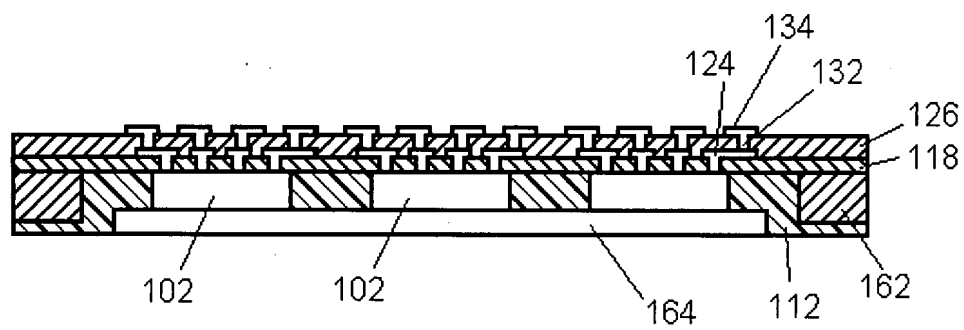
Downloaded from www.ascelibrary.org

FIG. 3e

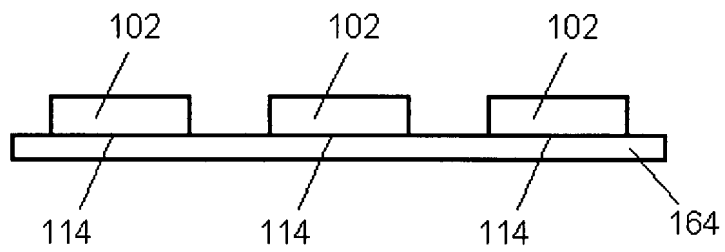


Downloaded from ascelibrary.org by University of California, San Diego on 06/01/15

FIG. 3f

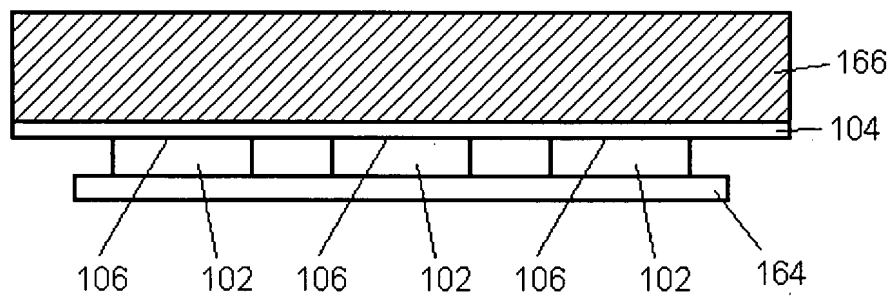


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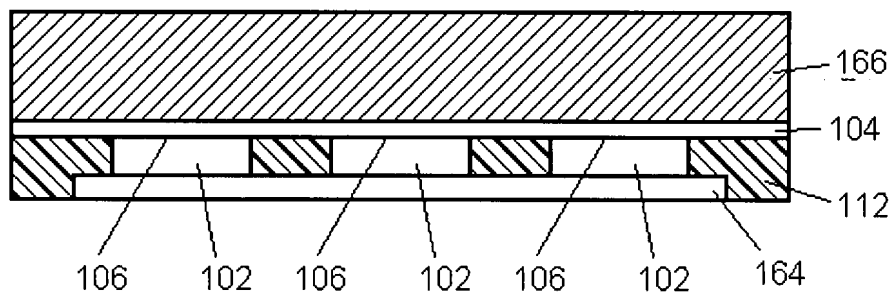
**THE UNIVERSITY OF CHICAGO**

FIG. 4b

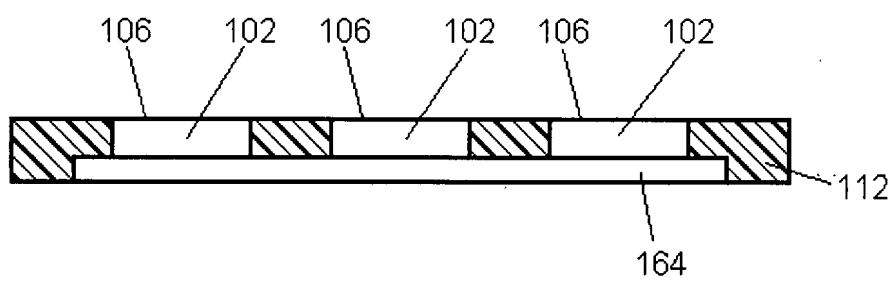


0091-20-1-3607350

FIG. 4c

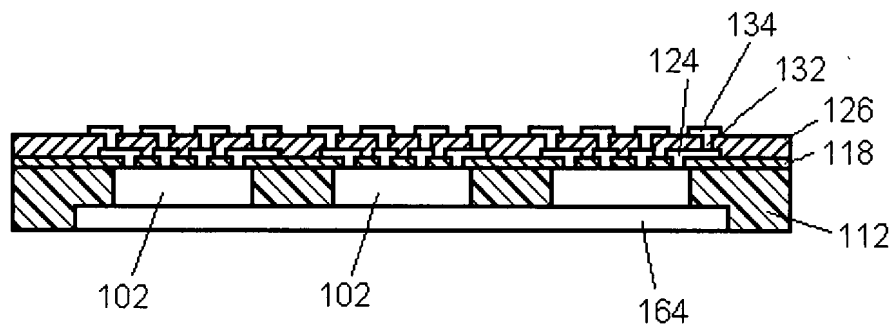


0054061-081500

[illegible]



3

[illegible]

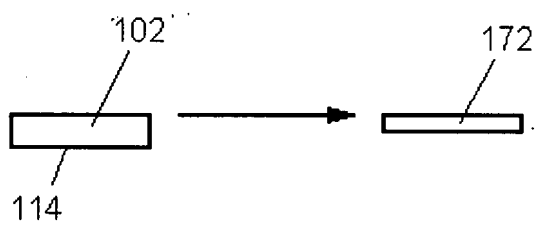
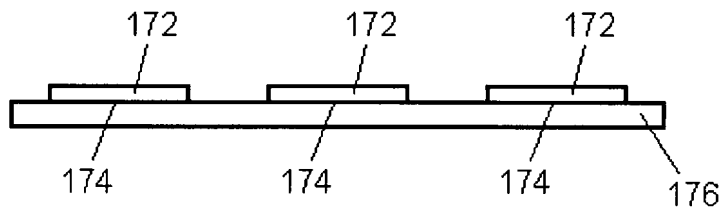
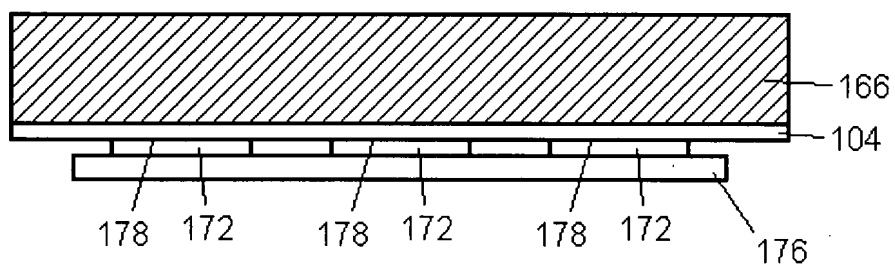
[illegible]

FIG. 5b



005180-13004500

FIG. 5c



00540061-081500

FIG. 5d

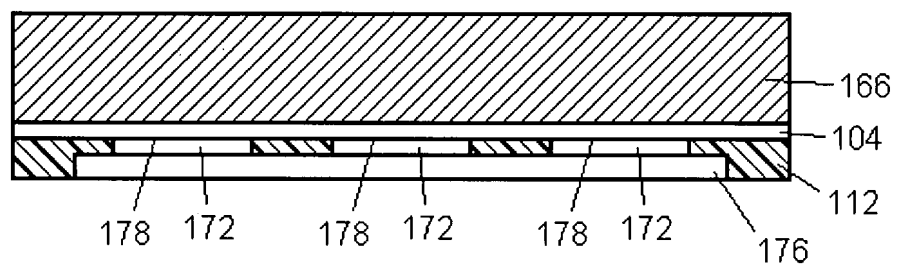
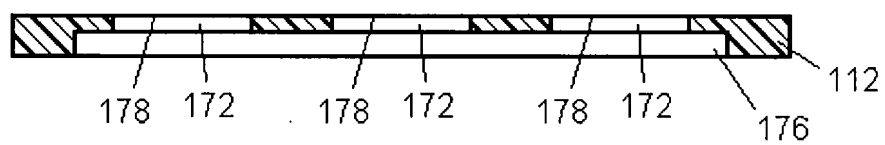
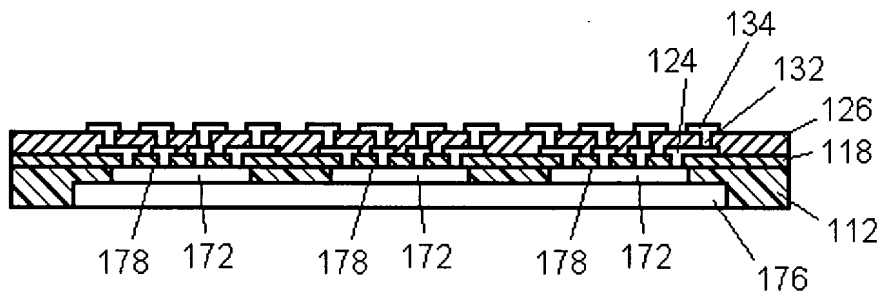
[illegible]

FIG. 5e



009180-1504300

FIG. 5f



005160-1 9607500

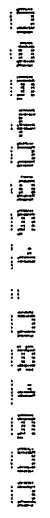
[illegible]



FIG. 6b

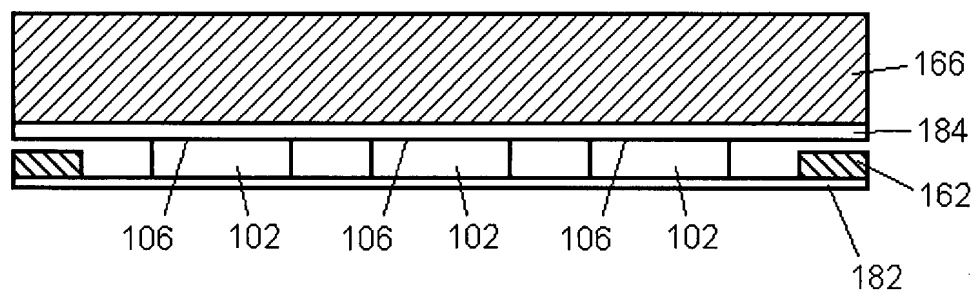
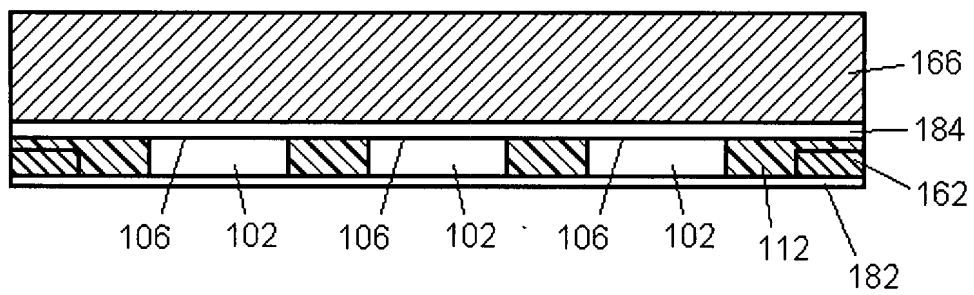
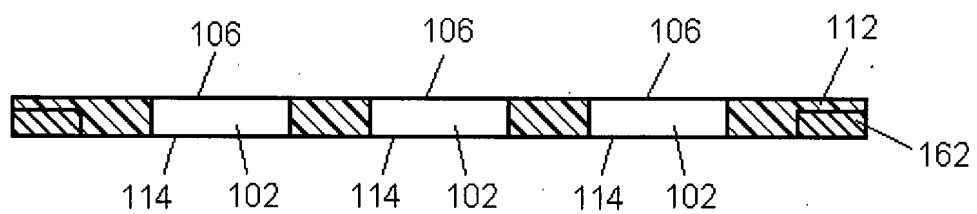


FIG. 6c



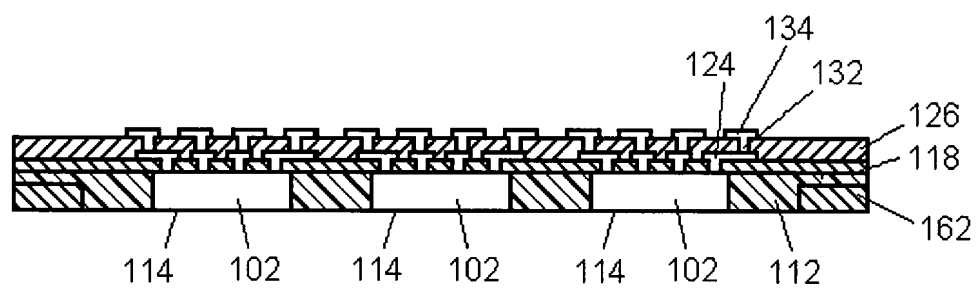
009180-1-3607960

FIG. 6d

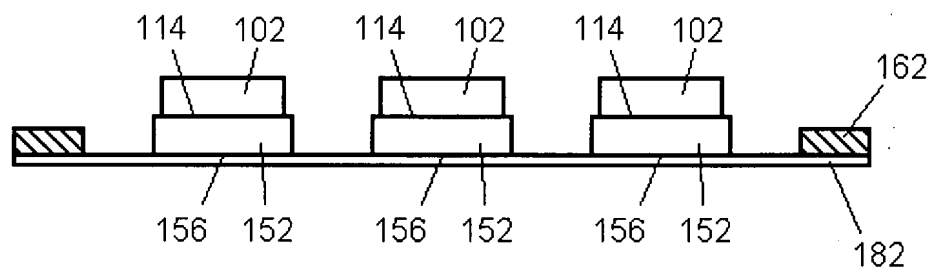


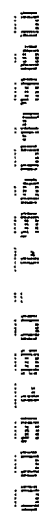
00547061-081600

FIG. 6e



009130-19607360

[illegible]

[illegible]

1

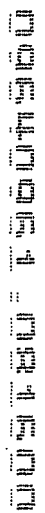
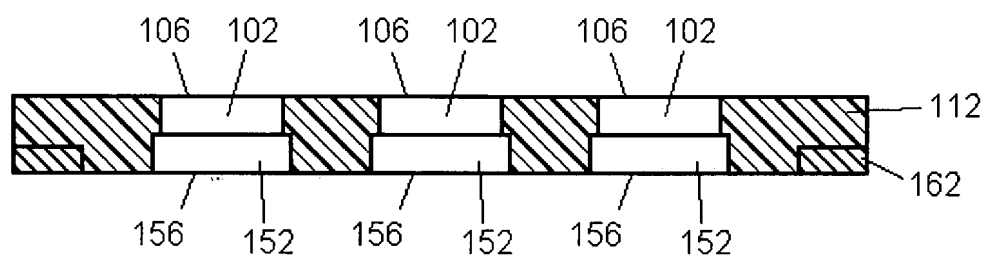
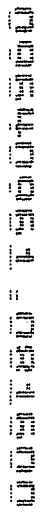


FIG. 7d

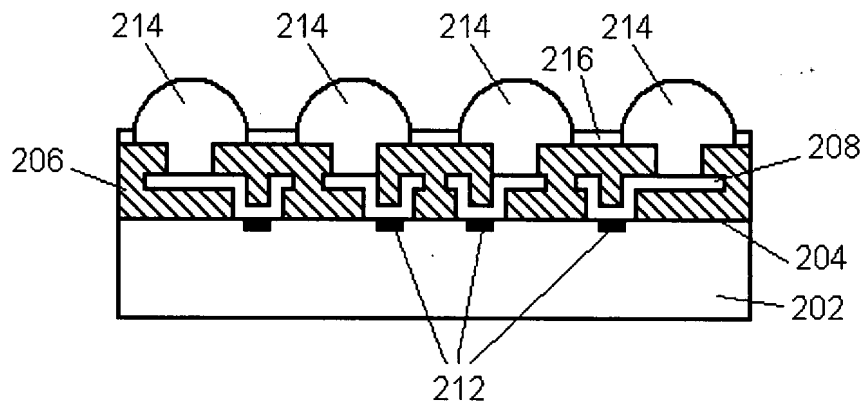


Isotope	Abundance (%)	Mass (amu)	Relative Abundance (%)
$^{12}\text{C}$	98.93	12.0000	100.00
$^{13}\text{C}$	1.07	13.0034	1.08
$^{14}\text{C}$	Trace	14.0032	Trace
$^{15}\text{N}$	0.37	15.0031	0.37
$^{16}\text{O}$	99.76	15.9949	100.00
$^{17}\text{O}$	0.04	16.9991	0.04
$^{18}\text{O}$	0.20	17.9992	0.20
$^{29}\text{Si}$	4.70	28.0859	4.70
$^{30}\text{Si}$	9.22	29.0535	9.22
$^{31}\text{Si}$	93.88	30.9764	93.88
$^{32}\text{S}$	95.02	31.9721	100.00
$^{33}\text{S}$	0.75	32.9715	0.75
$^{34}\text{S}$	4.23	33.9679	4.23
$^{36}\text{S}$	0.01	35.9671	0.01
$^{37}\text{Cl}$	24.23	36.9659	24.23
$^{35}\text{Cl}$	75.77	34.9689	100.00
$^{40}\text{Ca}$	96.94	39.9625	100.00
$^{42}\text{Ca}$	0.64	41.9586	0.64
$^{43}\text{Ca}$	0.13	42.9587	0.13
$^{44}\text{Ca}$	2.08	43.9594	2.08
$^{46}\text{Ca}$	0.19	45.9526	0.19
$^{48}\text{Ca}$	0.01	47.9471	0.01
$^{56}\text{Fe}$	91.75	55.9349	100.00
$^{57}\text{Fe}$	2.12	56.9353	2.12
$^{58}\text{Fe}$	0.28	57.9333	0.28
$^{60}\text{Fe}$	Trace	59.9308	Trace
$^{63}\text{Cu}$	69.15	62.9296	69.15
$^{65}\text{Cu}$	30.85	64.9278	30.85
$^{66}\text{Zn}$	27.90	65.9260	27.90
$^{67}\text{Zn}$	4.04	66.9247	4.04
$^{68}\text{Zn}$	18.76	67.9248	18.76
$^{70}\text{Zn}$	0.62	69.9244	0.62
$^{72}\text{Zn}$	0.18	71.9264	0.18
$^{74}\text{Zn}$	Trace	73.9257	Trace
$^{76}\text{Zn}$	Trace	75.9270	Trace
$^{78}\text{Zn}$	Trace	77.9276	Trace
$^{80}\text{Zn}$	Trace	79.9284	Trace
$^{81}\text{Br}$	49.31	80.9163	49.31
$^{79}\text{Br}$	50.69	78.9183	50.69
$^{84}\text{Kr}$	1.16	83.9115	1.16
$^{86}\text{Kr}$	35.28	85.9163	35.28
$^{88}\text{Kr}$	23.54	87.9149	23.54
$^{90}\text{Kr}$	2.28	89.9126	2.28
$^{92}\text{Kr}$	0.01	91.9127	0.01
$^{94}\text{Kr}$	0.01	93.9154	0.01
$^{96}\text{Kr}$	0.01	95.9163	0.01
$^{98}\text{Kr}$	Trace	97.9163	Trace
$^{100}\text{Kr}$	Trace	99.9163	Trace
$^{101}\text{Ru}$	1.87	100.9055	1.87
$^{102}\text{Ru}$	1.27	101.9078	1.27
$^{104}\text{Ru}$	18.62	103.9063	18.62
$^{106}\text{Ru}$	5.44	105.9064	5.44
$^{108}\text{Ru}$	1.87	107.9055	1.87
$^{110}\text{Ru}$	0.12	109.9047	0.12
$^{112}\text{Ru}$	0.01	111.9038	0.01
$^{114}\text{Ru}$	Trace	113.9029	Trace
$^{116}\text{Ru}$	Trace	115.9020	Trace
$^{118}\text{Ru}$	Trace	117.9011	Trace
$^{120}\text{Ru}$	Trace	119.9002	Trace
$^{122}\text{Ru}$	Trace	121.8993	Trace
$^{124}\text{Ru}$	Trace	123.8984	Trace
$^{126}\text{Ru}$	Trace	125.8975	Trace
$^{128}\text{Ru}$	Trace	127.8966	Trace
$^{130}\text{Ru}$	Trace	129.8957	Trace
$^{132}\text{Ru}$	Trace	131.8948	Trace
$^{134}\text{Ru}$	Trace	133.8939	Trace
$^{136}\text{Ru}$	Trace	135.8930	Trace
$^{138}\text{Ru}$	Trace	137.8921	Trace
$^{140}\text{Ru}$	Trace	139.8912	Trace
$^{142}\text{Ru}$	Trace	141.8903	Trace
$^{144}\text{Ru}$	Trace	143.8894	Trace
$^{146}\text{Ru}$	Trace	145.8885	



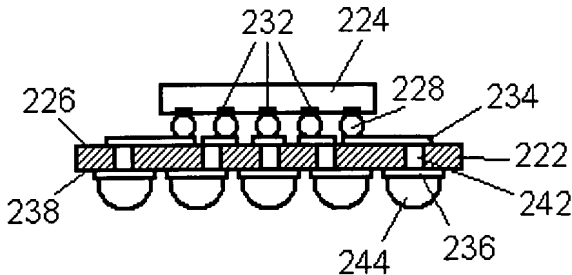
[illegible]

**FIG. 8**  
PRIOR ART

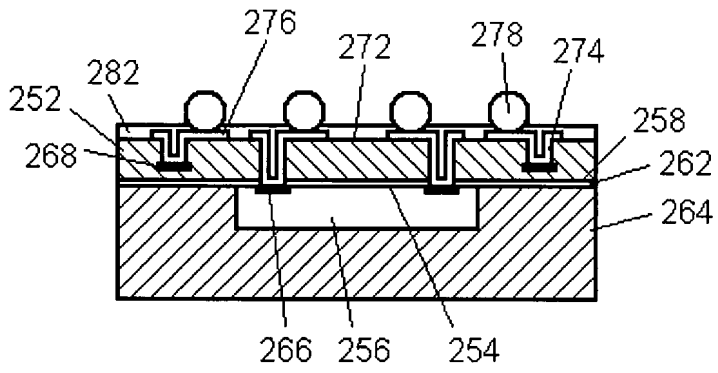


005180-1-081600

# PRIOR ART

[illegible]

**FIG. 10**  
**PRIOR ART**

[illegible]